

Notice of Allowability

Application No.

10/090,058

Examiner

Minh-Chau T. Pham

Applicant(s)

PARKER, NATHAN P.

Art Unit

1724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 10/21/03.
2. ☒ The allowed claim(s) is/are 1-35.
3. ☒ The drawings filed on 28 February 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

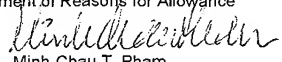
7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1 ☐ Notice of References Cited (PTO-892)
- 3 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 5 ☐ Information Disclosure Statements (PTO-1449), Paper No. _____.
- 7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 2 ☐ Notice of Informal Patent Application (PTO-152)
- 4 ☐ Interview Summary (PTO-413), Paper No. _____.
- 6 ☐ Examiner's Amendment/Comment
- 8 ☒ Examiner's Statement of Reasons for Allowance
- 9 ☐ Other


Minh-Chau T. Pham
Patent Examiner
Art Unit: 1724

Allowable Subject Matter

1. Claims 1, 2, 5-8, 10 and 11 allowed.
2. The following is an examiner's statement of reasons for allowance: None of the prior arts discloses a storage chamber adjacent of a plurality of chambers wherein the plurality of pleats are more compactly stored in the storage chamber.
3. Claims 3, 4, 9, 12-14, 16, 17 and 25-27 allowed.
4. The following is an examiner's statement of reasons for allowance: None of the prior arts discloses a storage chamber adjacent of a plurality of chambers wherein the plurality of pleats are more compactly stored in the storage chamber, and a saw tooth rack pivotally coupled to the frame.
5. Claims 15 and 18-24 allowed.
6. The following is an examiner's statement of reasons for allowance: None of the prior arts discloses a saw tooth rack having a plurality of peaks and valleys which define a plurality of chambers and a storage chamber wherein the filter element with a plurality of pleats are stored in the storage chamber adjacent the airflow opening.
7. Claims 28-33 and 35 allowed.
8. The following is an examiner's statement of reasons for allowance: None of the prior arts discloses a method of inserting a filter media into a core having a plurality of chambers and an adjacent storage chamber wherein the second plurality of pleats in the storage chamber are more tightly folded than the first plurality of pleats.
9. Claim 34 allowed.

10. The following is an examiner's statement of reasons for allowance: None of the prior arts discloses a method of inserting a filter media into a core having a plurality of chambers and an adjacent storage chamber wherein the second plurality of pleats in the storage chamber are more tightly folded than the first plurality of pleats, and wherein the core includes a saw tooth rack which is pivoted to the frame.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Chau T. Pham whose telephone number is (703) 308-1605. The examiner can normally be reached on Mon/Tues/Thur/Fri 7:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Blaine Copenheaver can be reached on (703) 308-1261. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

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A handwritten signature in black ink, appearing to read 'Minh-Chau Pham', with a stylized, cursive script.

Minh-Chau Pham

Patent Examiner

December 2, 2003